

## Abstract of WO2005074772

The invention relates to an electric household food preparation appliance comprising a control/command device consisting of: means for evaluating the load or resisting torque (C1, C2, C3) applied to the motor; and means for automatically switching the operation of the appliance from a first mode to a second mode when the load drops below a first predetermined threshold (SB), the operating speed of the appliance decreasing when the load drops from a value greater than the first threshold (SB) to a value lower than the first threshold (SB). According to the invention, the control/command device of the appliance comprises means for automatically switching the operation of the appliance from the second mode to the first mode when the aforementioned load rises above a second predetermined threshold (SH), the operating speed of the appliance increasing when the load rises from a value lower than the second threshold (SH) to a value greater than the second threshold (SH).